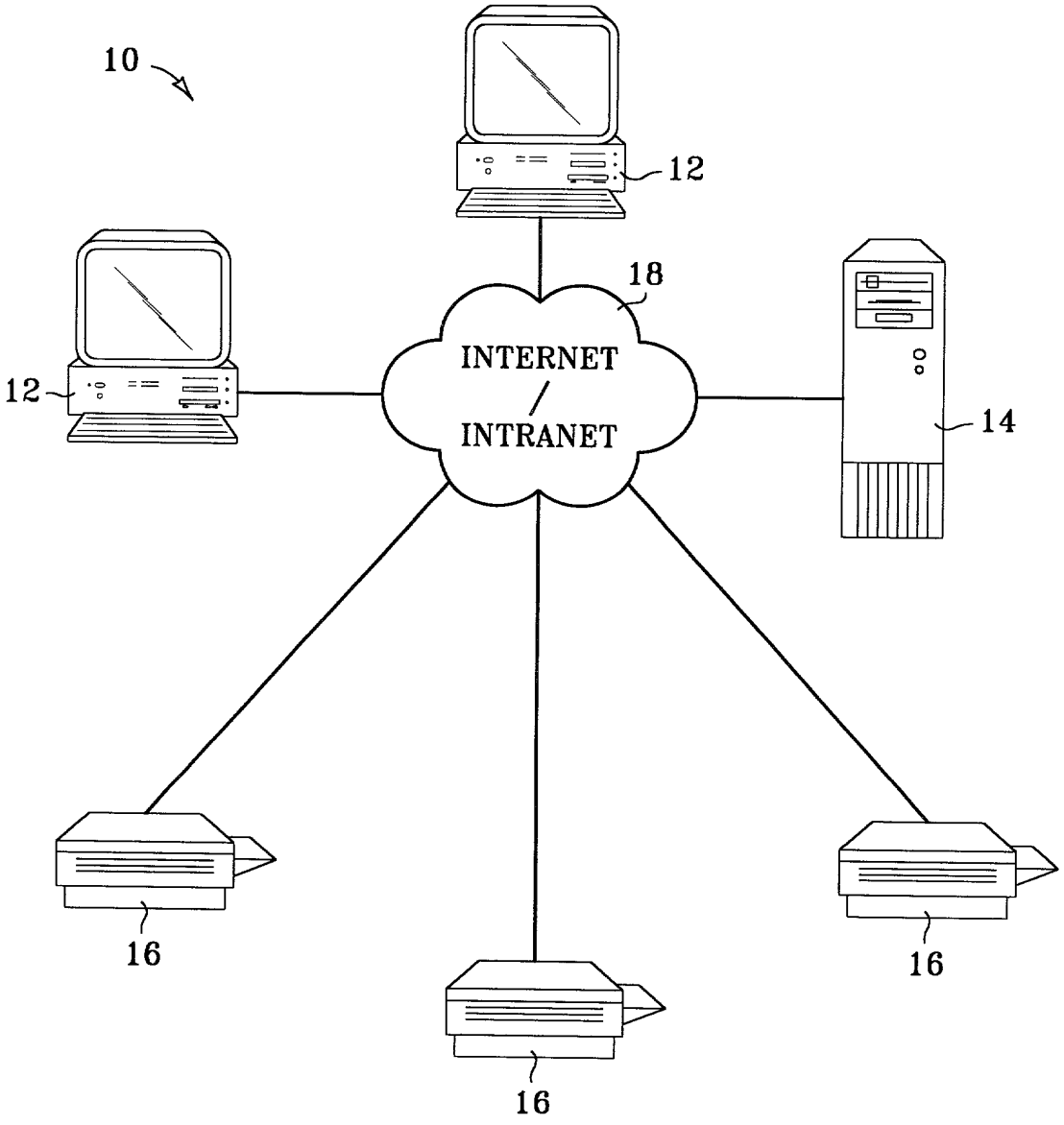

FIG. 1

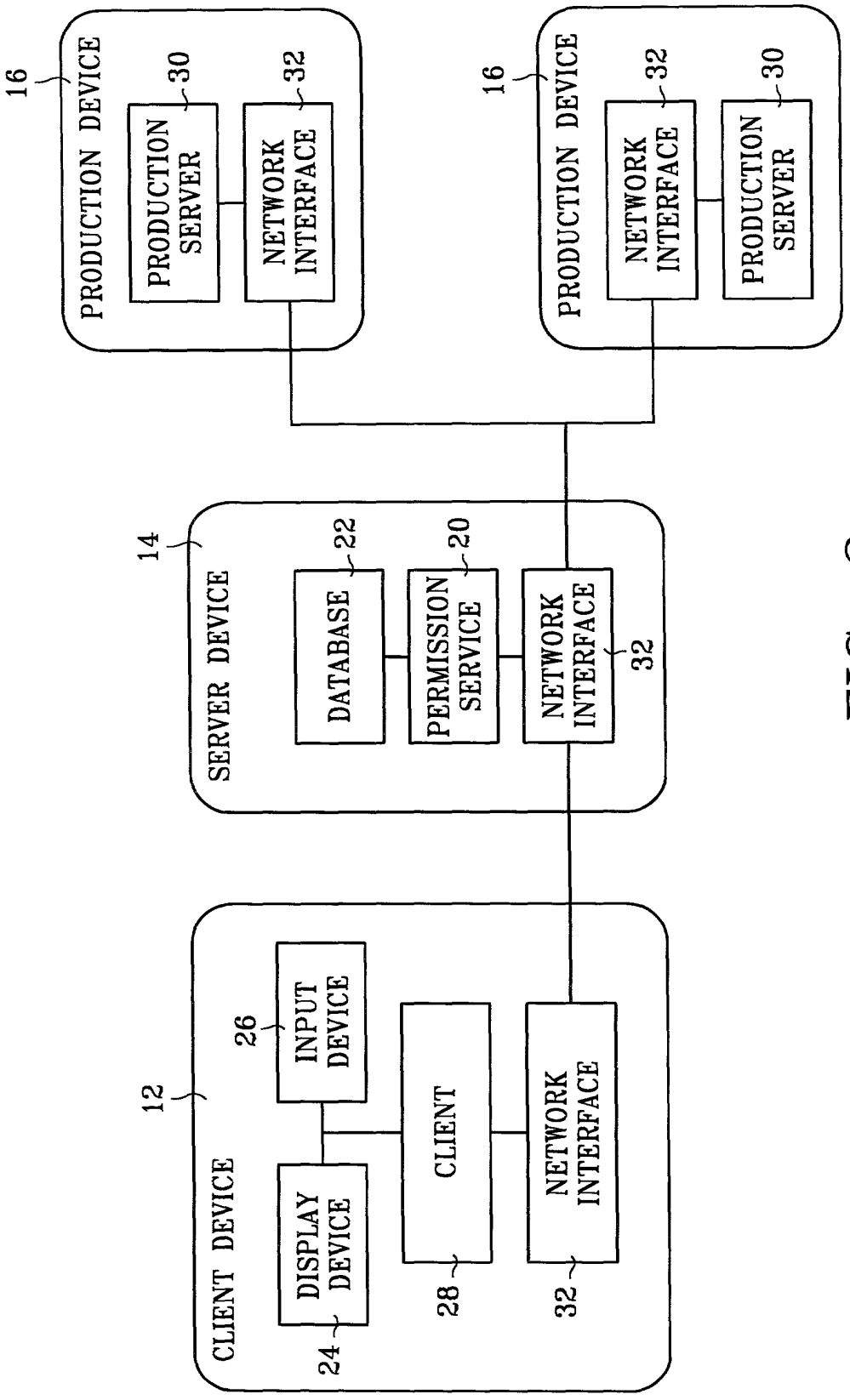
16
PRODUCTION DEVICE
30
PRODUCTION SERVER
32
NETWORK INTERFACE
16
PRODUCTION DEVICE
32
NETWORK INTERFACE
30
PRODUCTION SERVER
14
SERVER DEVICE
22
DATABASE
20
PERMISSION SERVICE
NETWORK INTERFACE
32
12
CLIENT DEVICE
26
INPUT DEVICE
DISPLAY DEVICE
24
CLIENT
28
NETWORK INTERFACE
32

FIG. 2

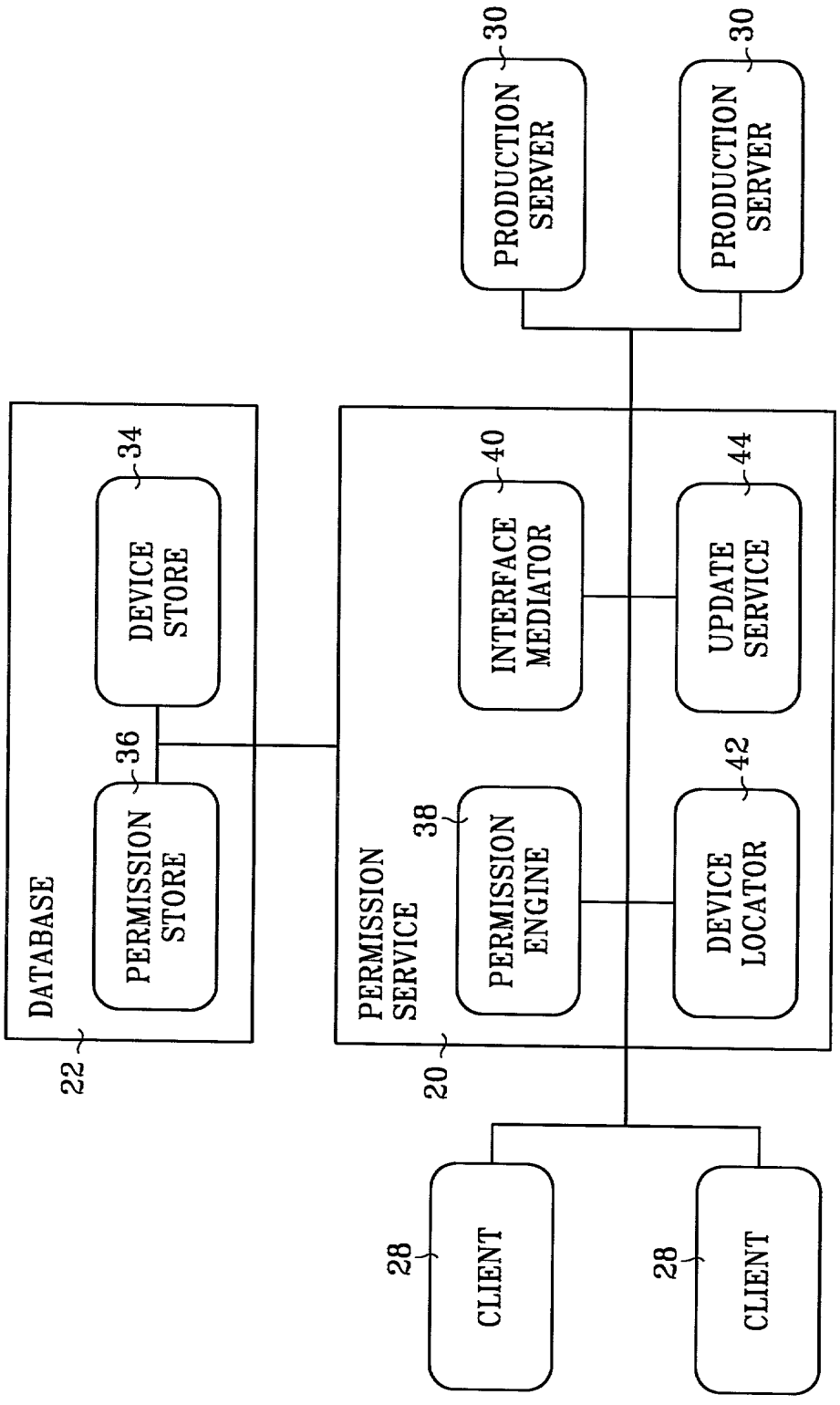
PRODUCTION SERVER
30
PRODUCTION SERVER
30
DATABASE
22
DEVICE STORE
34
PERMISSION STORE
36
PERMISSION SERVICE
20
INTERFACE MEDIATOR
40
UPDATE SERVICE
44
PERMISSION ENGINE
38
DEVICE LOCATOR
42
CLIENT
28
CLIENT
28

FIG. 3

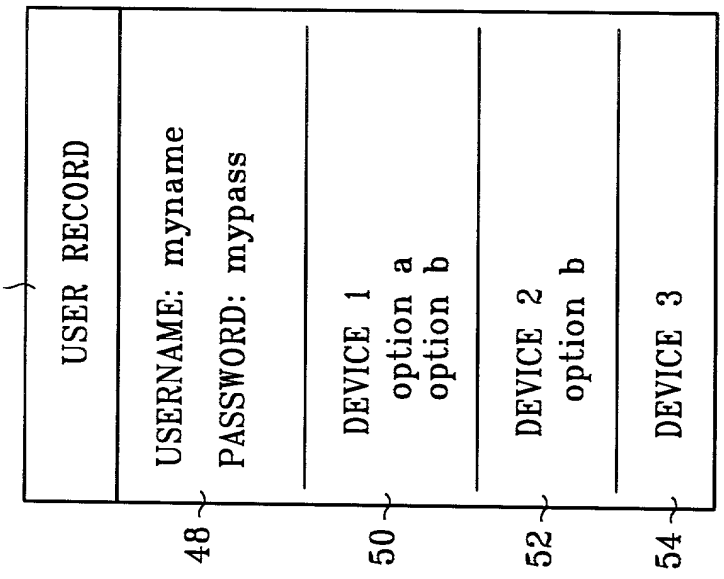
46
USER RECORD
USERNAME: myname
PASSWORD: mypass
DEVICE 1
option a
option b
DEVICE 2
option b
DEVICE 3
48
50
52
54

FIG. 4

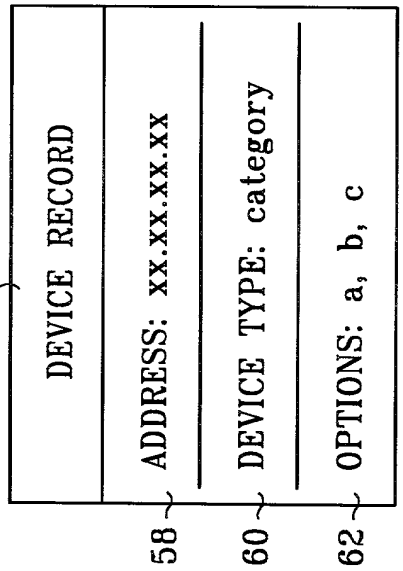
56
DEVICE RECORD
ADDRESS: xx.xx.xx.xx
DEVICE TYPE: category
OPTIONS: a, b, c
58
60
62

FIG. 5

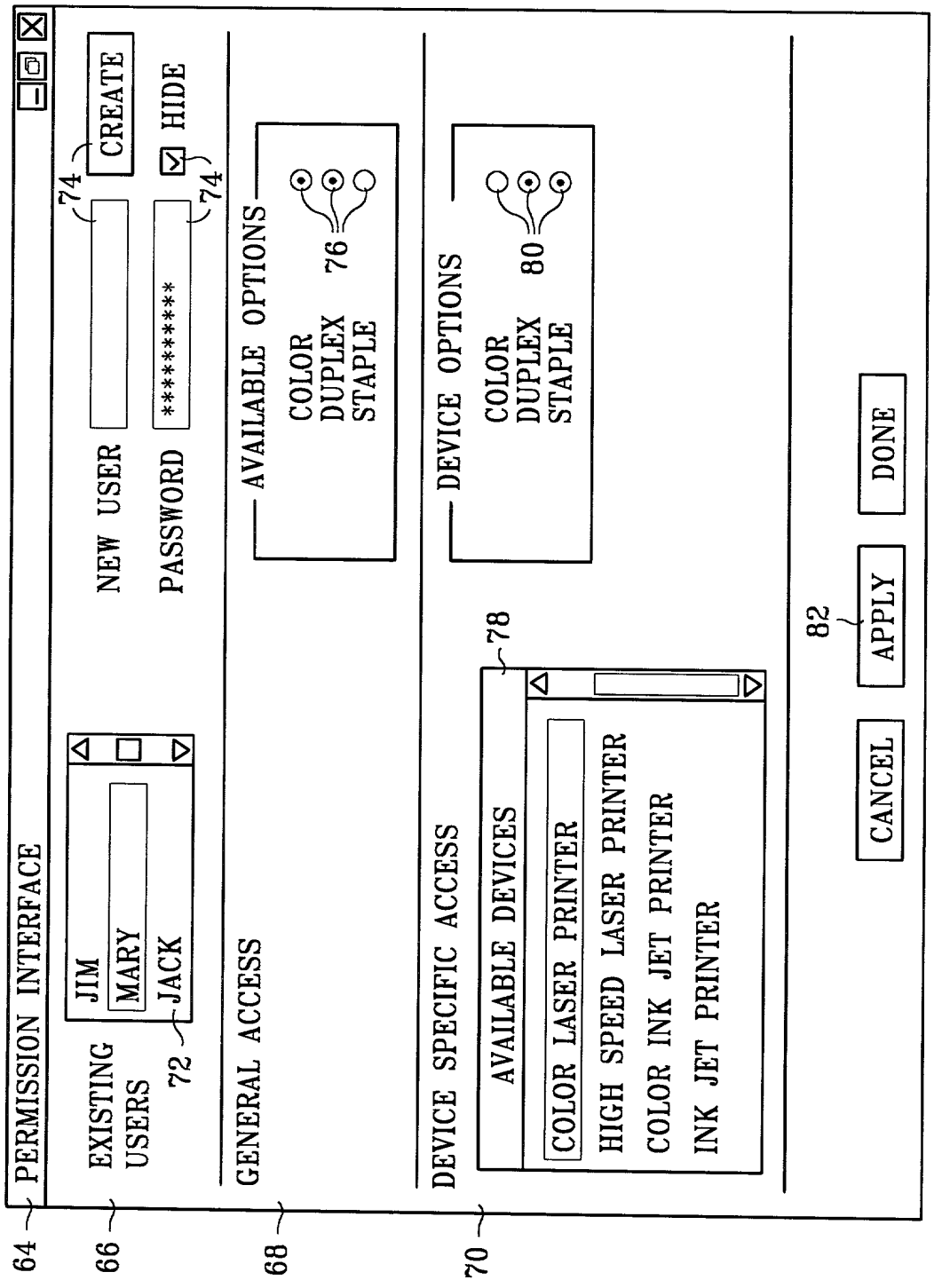
64
PERMISSION INTERFACE
66
EXISTING USERS
JIM
MARY
JACK
72
NEW USER
74
CREATE
PASSWORD
****
74
HIDE
68
GENERAL ACCESS
AVAILABLE OPTIONS
COLOR
DUPLEX
STAPLE
76
70
DEVICE SPECIFIC ACCESS
DEVICE OPTIONS
COLOR
DUPLEX
STAPLE
80
AVAILABLE DEVICES
78
COLOR LASER PRINTER
HIGH SPEED LASER PRINTER
COLOR INK JET PRINTER
INK JET PRINTER
82
CANCEL
APPLY
DONE

FIG. 6

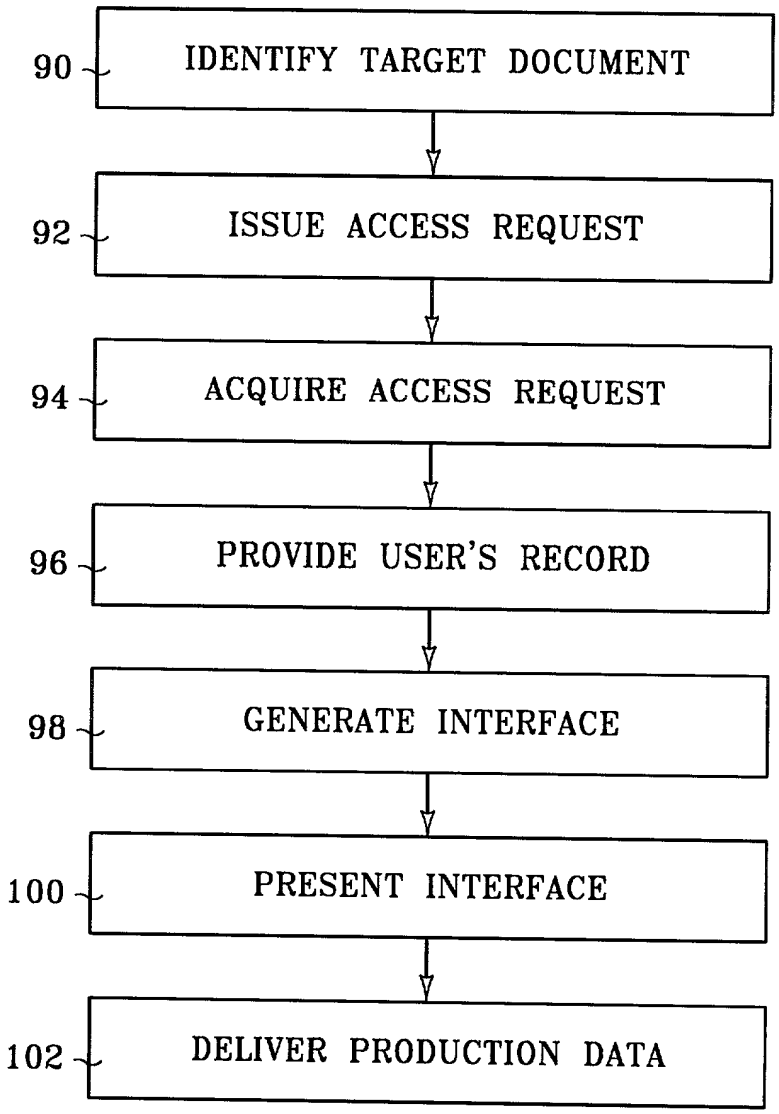
90
IDENTIFY TARGET DOCUMENT
92
ISSUE ACCESS REQUEST
94
ACQUIRE ACCESS REQUEST
96
PROVIDE USER'S RECORD
98
GENERATE INTERFACE
100
PRESENT INTERFACE
102
DELIVER PRODUCTION DATA

FIG. 7

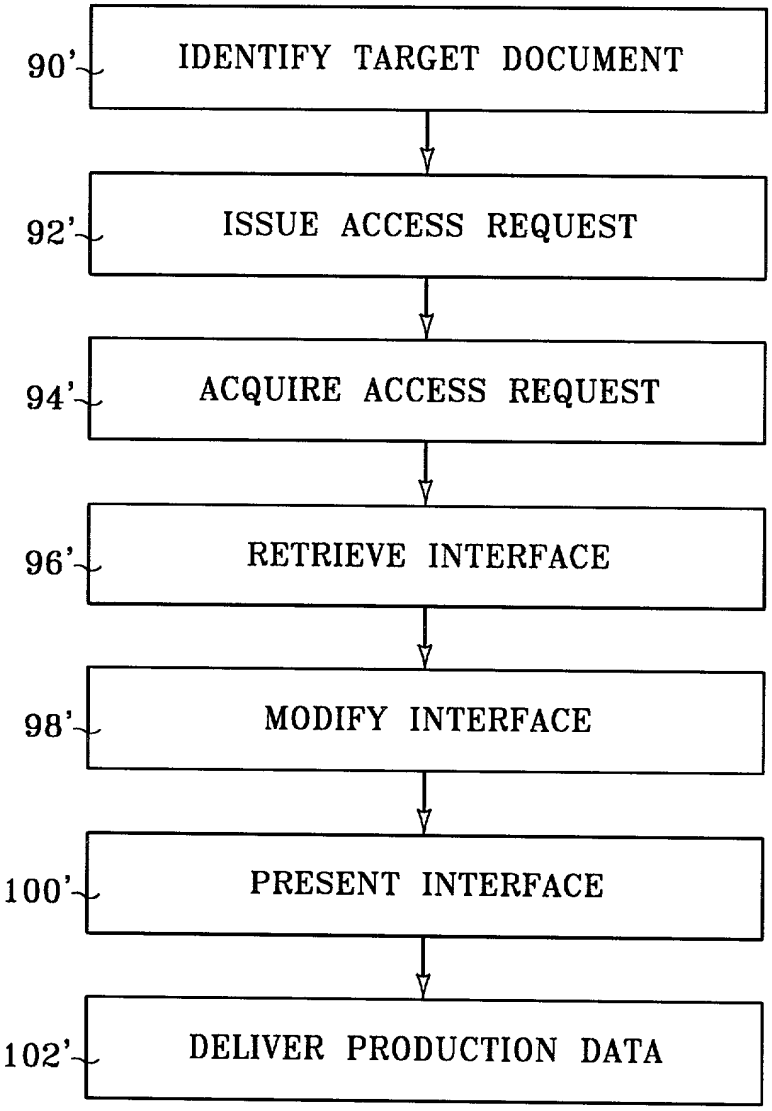
90'
IDENTIFY TARGET DOCUMENT
92'
ISSUE ACCESS REQUEST
94'
ACQUIRE ACCESS REQUEST
96'
RETRIEVE INTERFACE
98'
MODIFY INTERFACE
100'
PRESENT INTERFACE
102'
DELIVER PRODUCTION DATA

FIG. 8

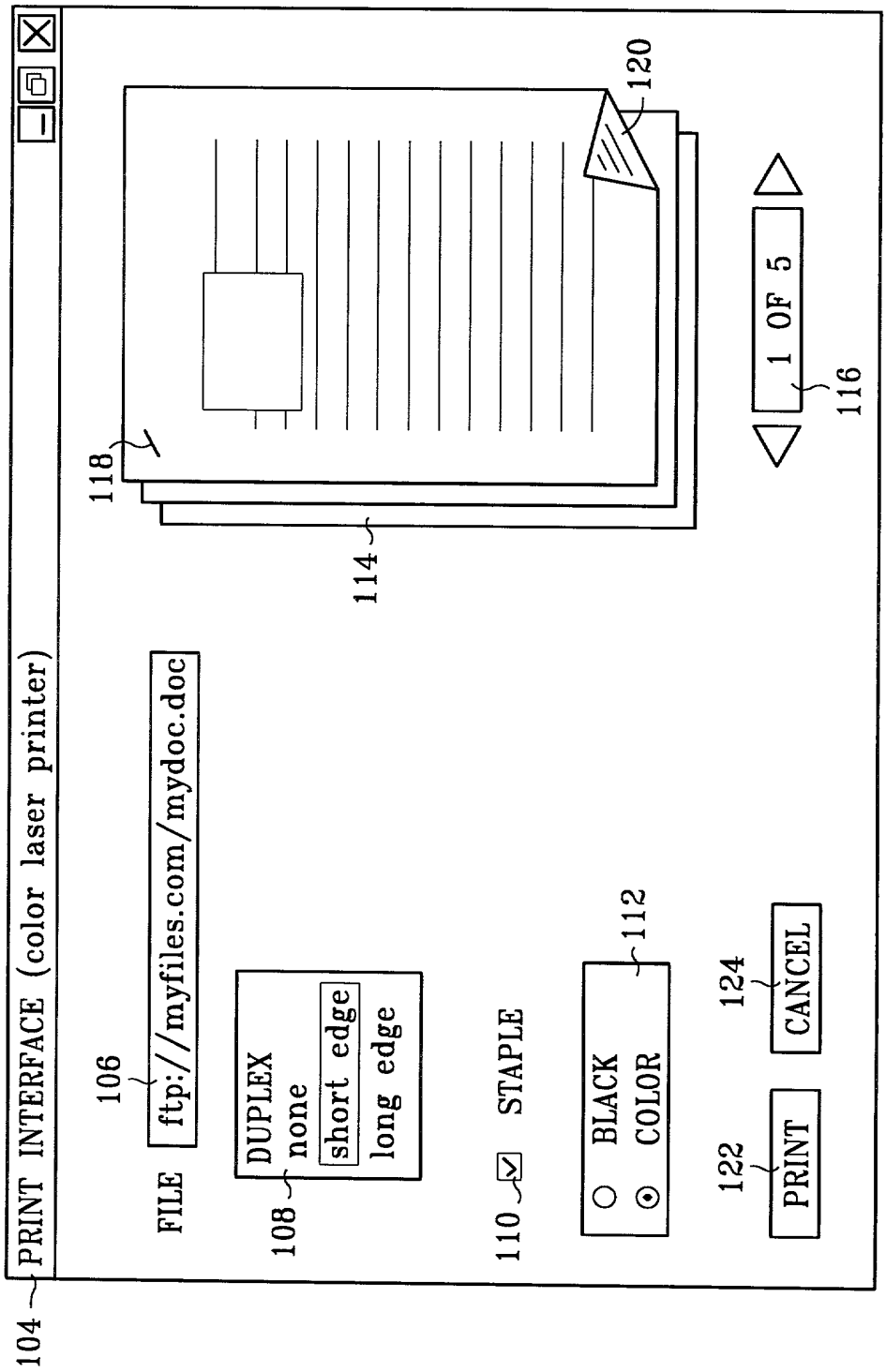
104
PRINT INTERFACE (color laser printer)
FILE
106
ftp://myfiles.com/mydoc.doc
DUPLEX
none
short edge
long edge
108
STAPLE
110
BLACK
COLOR
112
PRINT
122
CANCEL
124
114
118
120
1 OF 5
116

FIG. 9A

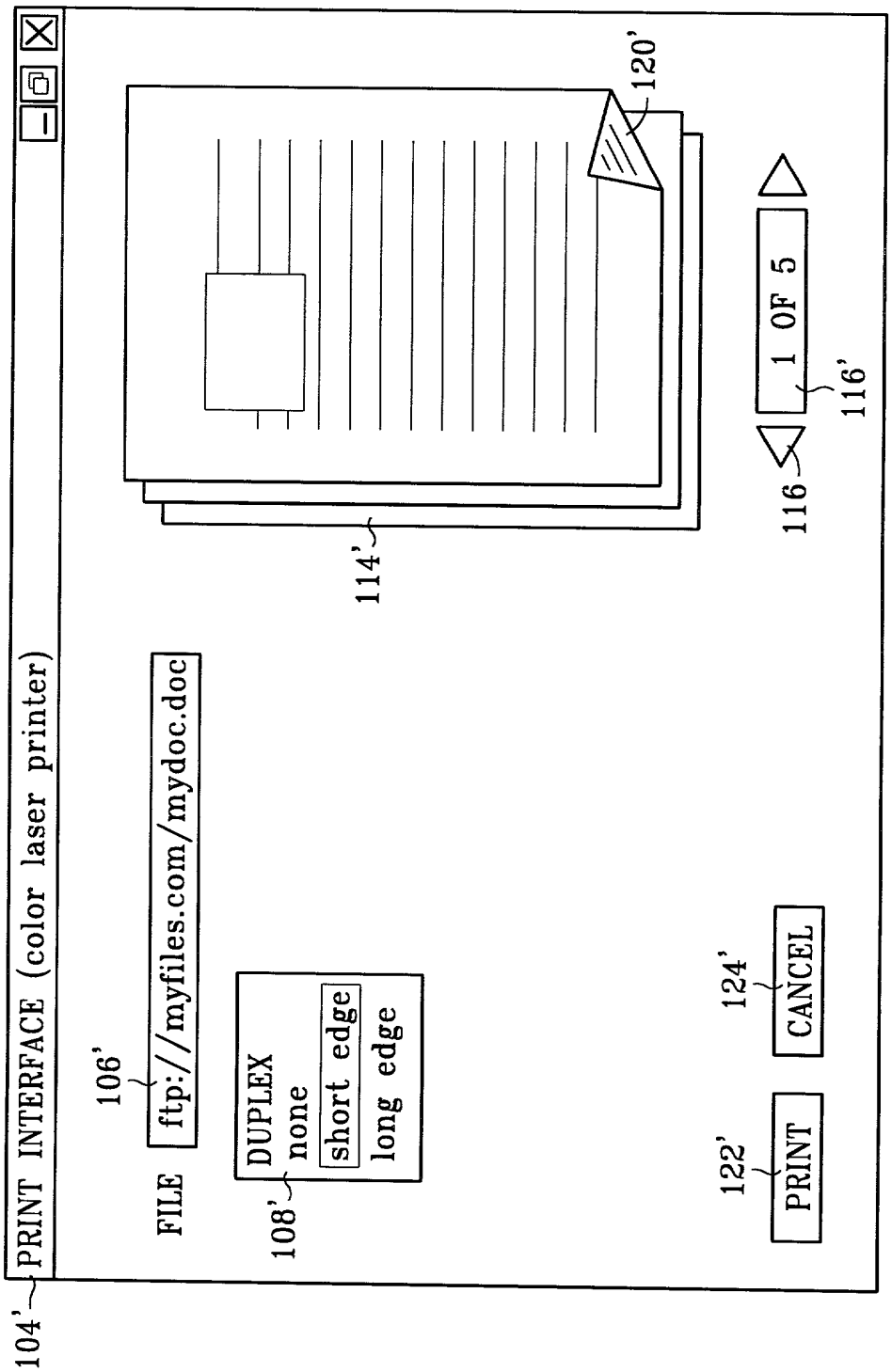
104'
PRINT INTERFACE (color laser printer)
FILE
106'
ftp://myfiles.com/mydoc.doc
108'
DUPLEX
none
short edge
long edge
114'
120'
116
1 OF 5
116'
122'
PRINT
124'
CANCEL

FIG. 9B